

WHAT IS CLAIMED IS

1. A magnetic disk apparatus comprising:

a disk enclosure;

a first printed-circuit board which is paired with said disk enclosure;

5 and

a second printed-circuit board which is connected to said first printed circuit board via a cable and is separated in structure from said first printed-circuit board;

10 wherein said first printed-circuit board mounts circuits which are poor in noise resistance property, and a circuit which holds parameters unique to said disk enclosure; and

wherein said second printed circuit board mounts circuits which are superior in noise resistance property.

15 2. The magnetic disk apparatus according to claim 1, wherein said circuits which are poor in noise resistance property include recording/reproduction control circuit.

20 3. The magnetic disk apparatus according to claim 1, wherein said circuits which are poor in noise resistance property include an analog/digital converter.

4. The magnetic disk apparatus according to claim 1, wherein said circuits which are superior in noise resistance property include an interface control circuit with an upper system.

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5. The magnetic disk apparatus according to claim 1, wherein said circuits which are superior in noise resistance property include a processor.

6. The magnetic disk apparatus according to claim 1, wherein said circuits which are superior in noise resistance property include a spindle motor/voice coil motor control circuit.

7. The magnetic disk apparatus according to claim 1, wherein said first printed-circuit board further mounts a elastomer connector.

8. The magnetic disk apparatus according to claim 1, wherein said circuits which are superior in noise resistance property include plural spindle motor/voice coil motor control circuits.

9. The magnetic disk apparatus according to claim 8, wherein said circuits which are superior in noise resistance property further include a single processor.

10. The magnetic disk apparatus according to claim 8, wherein said circuits which are superior in noise resistance property further include an interface circuit with an upper system.

11. The magnetic disk apparatus according to claim 8, wherein said circuits which are superior in noise resistance property further include a switch for selecting either of a first group consisting of one said disk enclosure and one

5 said first printed-circuit board and a second group consisting of another said disk enclosure and another said first printed-circuit board.

12. The magnetic disk apparatus according to claim 4, wherein said second printed-circuit board is separated into a third printed circuit board and a fourth printed circuit;

wherein said third printed circuit board mounts said interface control circuit; and

wherein said fourth printed circuit board mounts said circuits which are superior in noise resistance property other than said interface control circuit.

13. The magnetic disk apparatus according to claim 4, wherein said second printed-circuit board does not mount an interface control circuit.

14. The magnetic disk apparatus according to claim 13, wherein said circuits which are superior in noise resistance property include a processor.

15. The magnetic disk apparatus according to claim 13, wherein said circuits which are superior in noise resistance property include a spindle motor/voice coil motor control circuit.